

DOCKET No. 079-146

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Kesar SALEEM et al.

Serial No.

Filed:

For: MAGNETRON

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: Group Art Unit:  
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: Examiner:  
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(N.R.)

11042 U.S. PTO  
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**PRELIMINARY AMENDMENT**

Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

Entry of the following amendment is requested in order to ensure applicants scope of protection to which they are entitled.

**IN THE CLAIMS**

3. (Amended) A magnetron as claimed in [any preceding claim] claim 1 wherein the coaxial line has at least one axially extensive slot through its outer conductor via which energy in the cylindrical waveguide mode is coupled from the coaxial line.

6. (Amended) A magnetron as claimed in [any preceding claim] claim 1 wherein said one oscillator mode is the mode and said another oscillator mode is the 1 mode.

7. (Amended) A magnetron as claimed in [any preceding claim] claim 1 wherein the coaxial waveguide mode is the TEM mode and the cylindrical waveguide mode is the TE<sub>11</sub> mode.